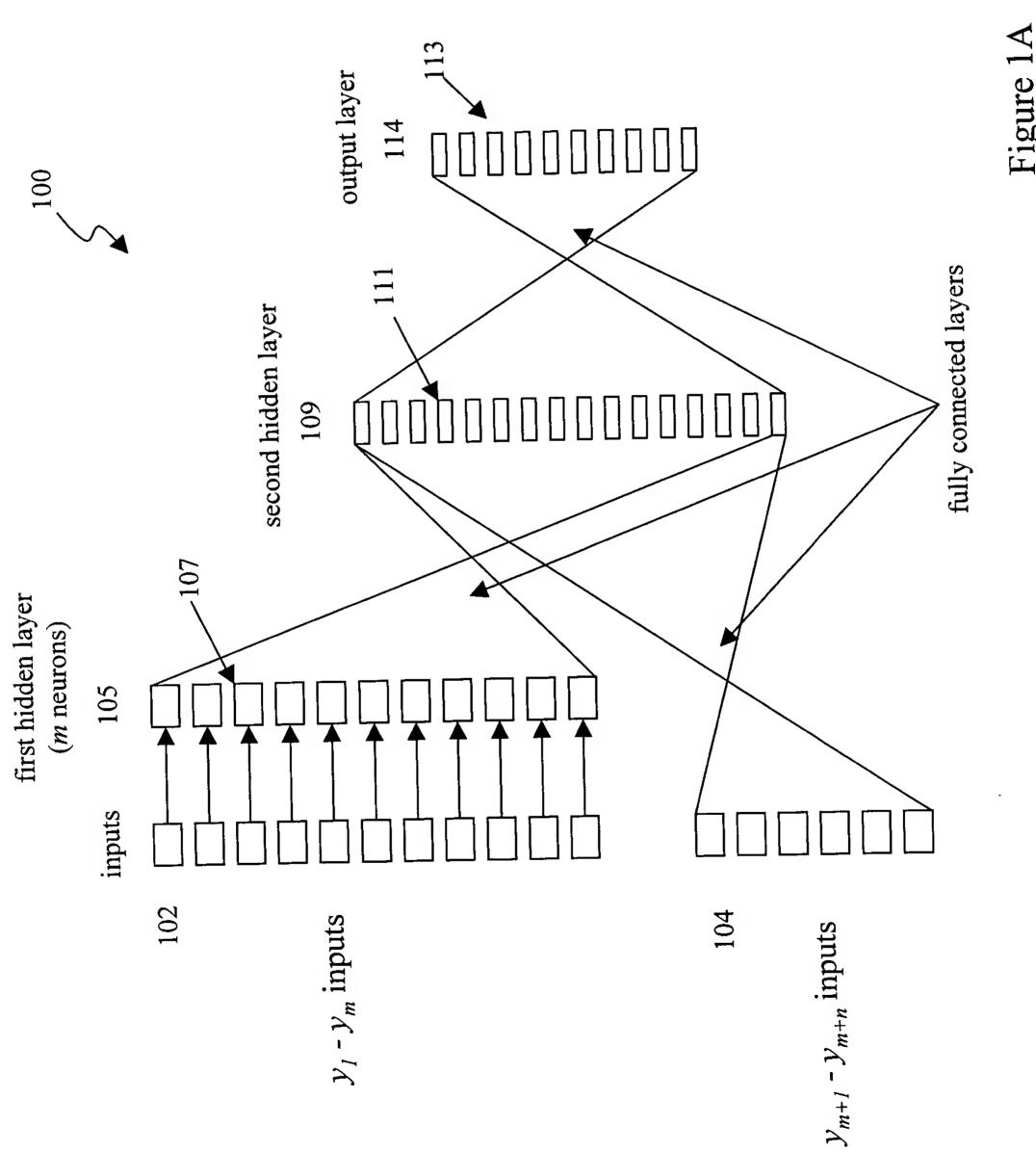
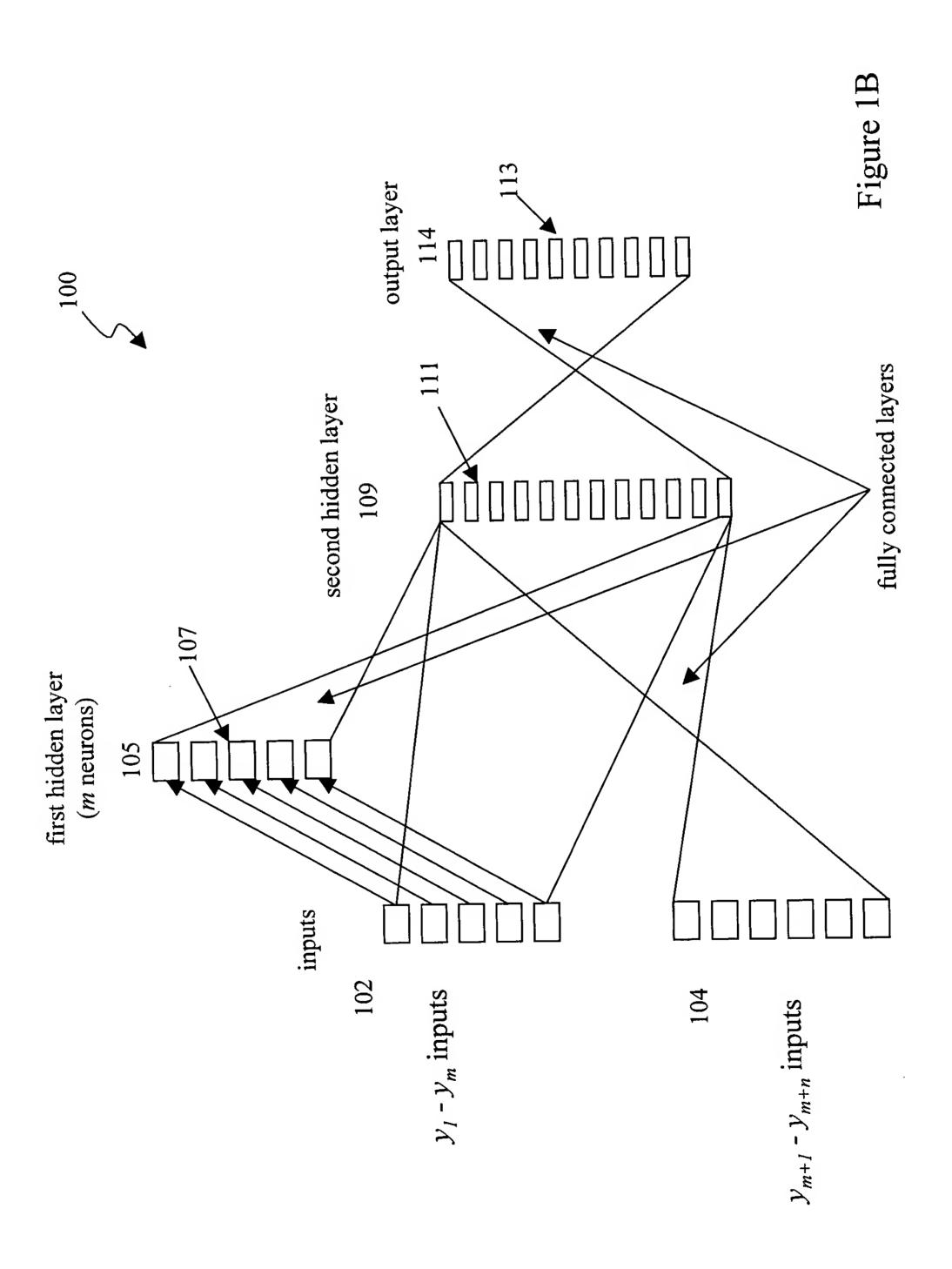
Inventor(s): Chan et al.
Serial No. Not yet assigned
Atty Docket No. IBX-003
Atty/Agent: Kia L. Freeman
Express Mail Mailing Label No. EV260609077US

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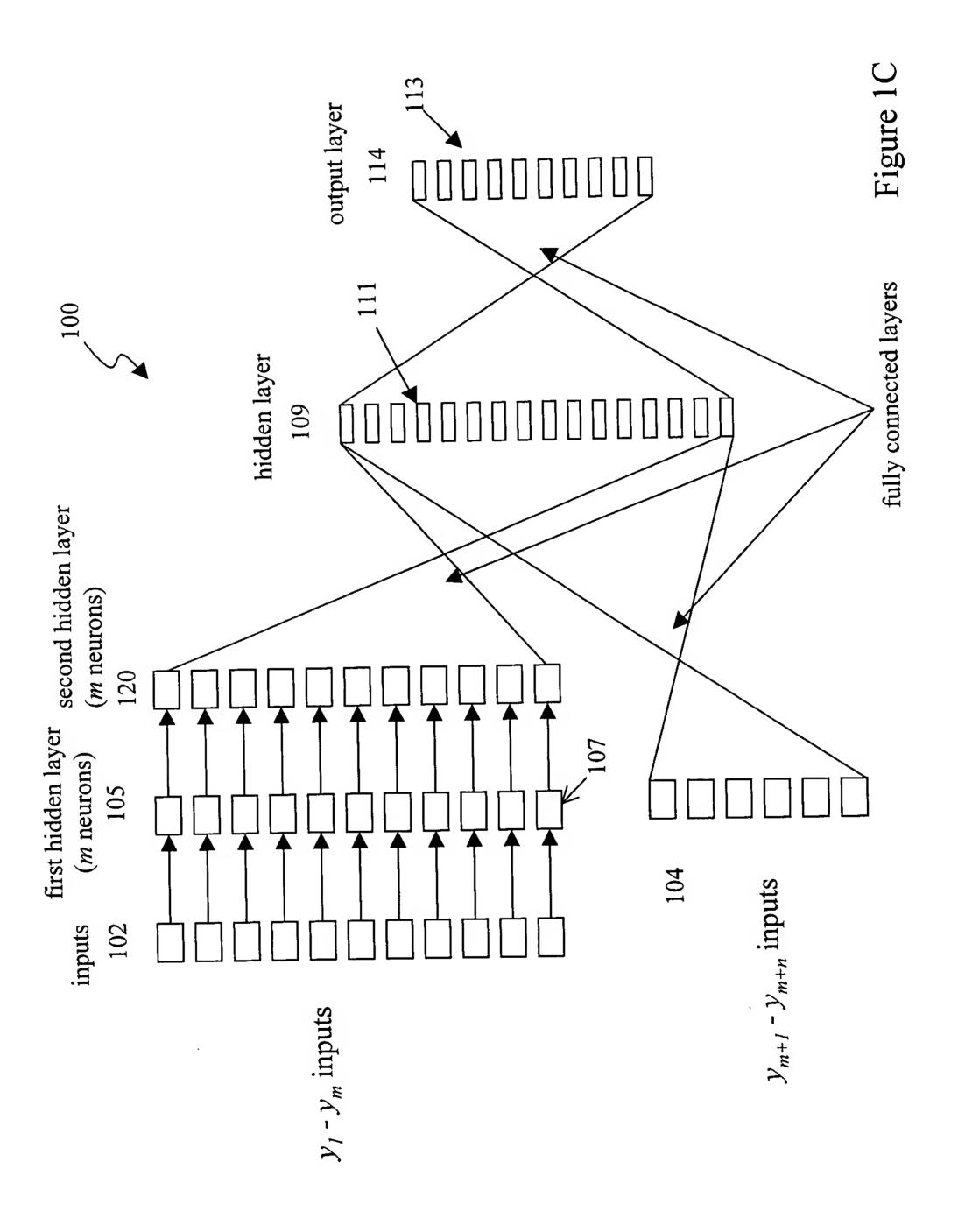
Inventor(s): Chan et al.
Serial No. Not yet assigned
Atty Docket No. IBX-003
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Processes
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Express Mail Mailing Label No. EV260609077US

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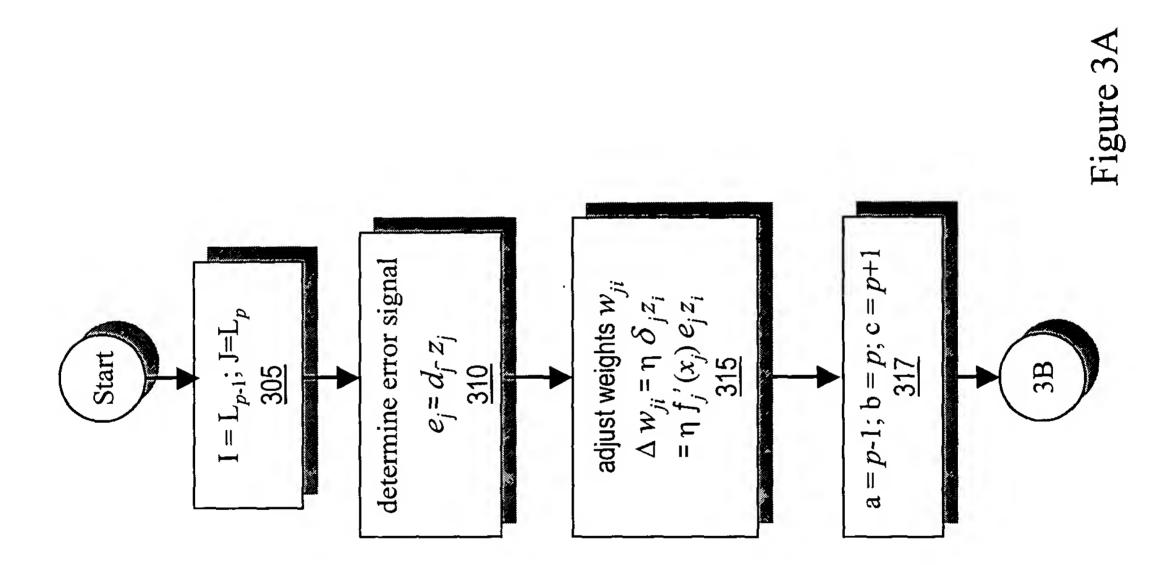


Title: Filter Models for Dynamic Control of Complex **Processes** Inventor(s): Chan et al. Serial No. Not yet assigned Atty Docket No. IBX-003 Sheet 4 of 7 Atty/Agent: Kia L. Freeman
Express Mail Mailing Label No. EV260609077US Start Identify function with unknown parameter 210 Determine error signal for output layer of model 220 Determine gradient for outputs of first hidden layer 230 Determine adjustment to unknown parameter 240 Evaluate convergence criterion 250 End FIG. 2

Processes

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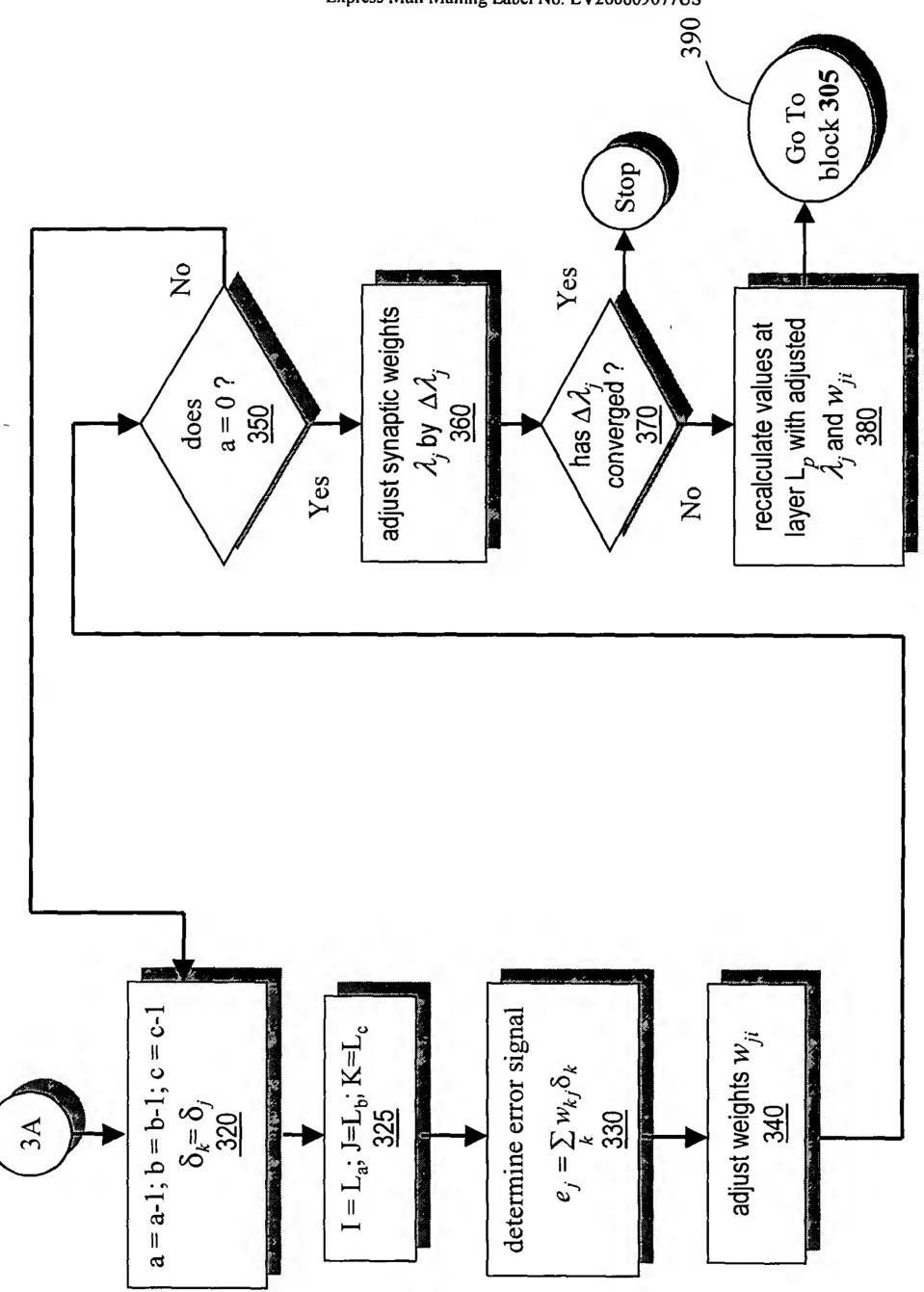


Figure 3B

Processes
Inventor(s): Chan et al.
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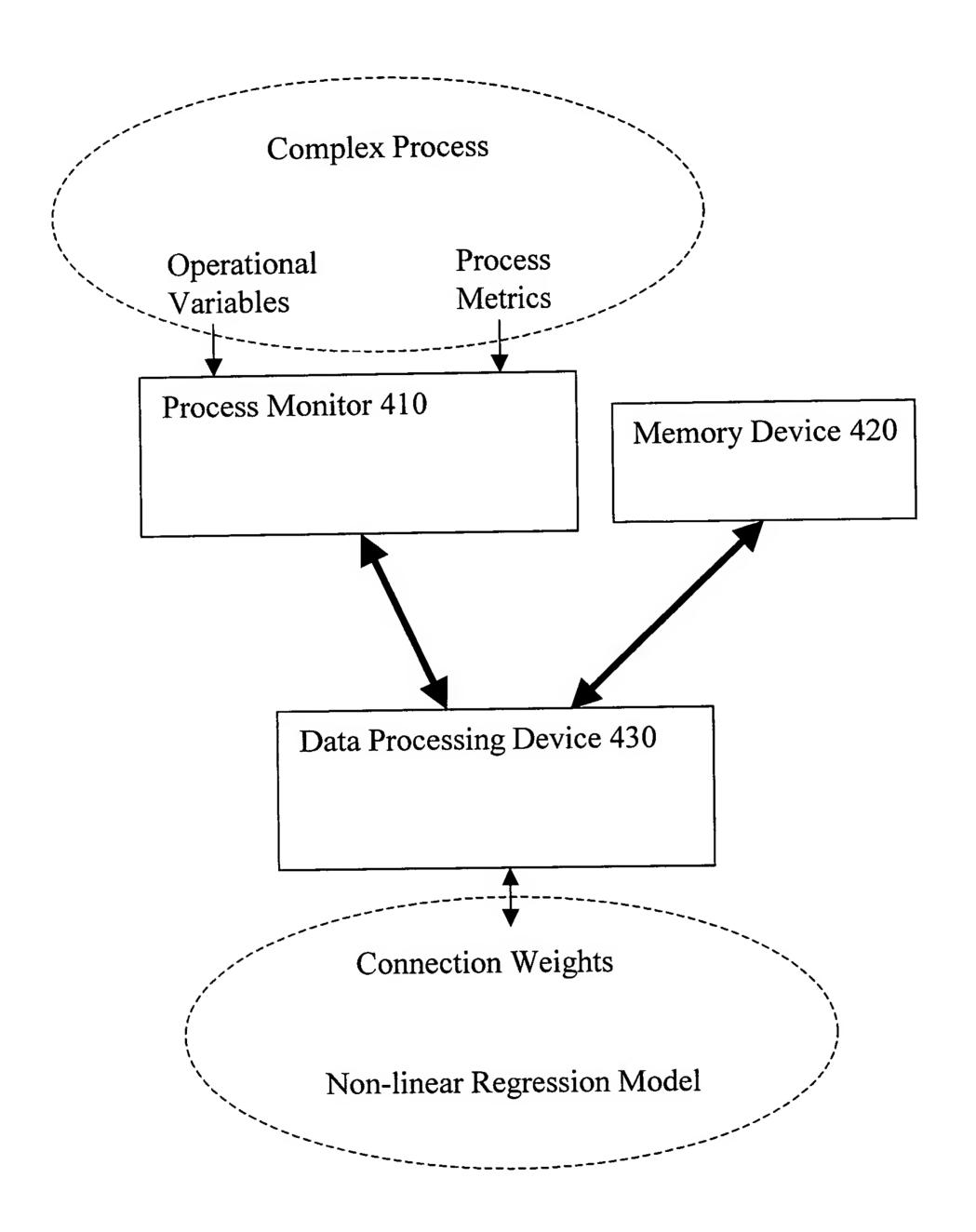


Fig. 4